PDR RID Report

Originator	Angie Kelly	**Phone No** 286-7726

<table>
<tr><td>RID ID   PDR   103</td></tr>
<tr><td>Review   FOS</td></tr>
<tr><td>Originator Ref   ACK #04</td></tr>
<tr><td>Priority 2</td></tr>
</table>

Originator Angie Kelly

Organization Mission Operations Manager/505

E Mail Address AKelly (GSFCMail)

Document PDR

Phone No 286-7726

Section NA	**Page** NA	**Figure Table** NA

Category Name M&O   **Actionee** HAIS

Sub Category

Subject Anomalies

Description of Problem or Suggestion:

The PDR seemed to present a flavor of success-oriented optimism, and did not provide significant discussion of detection or accommodation of realistic abnormal conditions.

Originator's Recommendation

Provide scenarios that depict candidate displays and provide procedural descriptions of system capabilities to detect, isolate, analyze, and resolve realistic anomalous conditions. Include discussions of reconfiguring the ground system and spacecraft by the Flight Ops. team and Instrument Ops. team, to accommodate ground system and/or spacecraft anomalies via temporary work-arounds and permanent solutions. How does the system rapidly accommodate changes to FOT and PI procedures? Provide emphasis on system characteristics defined via changeable tables, NAMELISTs, etc., without requiring ground system code or PDB changes.

GSFC Response by: **GSFC Response Date**

HAIS Response by: D. Herring   **HAIS Schedule**   2/3/95

HAIS R. E.   A. Miller   **HAIS Response Date** 1/20/95

Reference the response to RID #46.

Changes to FOT and PI procedures can be rapidly supported by the system through the Procedure Builder tool. This tool enables a user to define a new procedure or modify an existing one using the mouse for click-and-drag operations. The tool also enables the FOT to quickly perform a syntax check on the procedure, and optionally, validate the procedure against the command database.

The CDR documentation will provide expanded detail on the FOS design. In addition, the CDR is intending on providing further information on the use of the FOS by the Ops Team. It is intended that scenarios depicting how the operations staff will use the capabilities of the FOS will be presented at the FOS CDR.

Status   **Closed**   **Date Closed** **2/1/95**   **Sponsor**   **Johns**

****** Attachment if any ******